

20010526.qrp v02_n201.qrl.20010526

Date: Sat, 26 May 2001 19:03:09 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2201

QRP-L Digest 2201

Topics covered in this issue include:

- 1) [98929] The QRP-ARCI Toy Store
by Hank Kohl K8DD <k8dd@arrl.net>
- 2) [98930] Re: Sources for solar pannels/cells
by Larry Cahoon <lejek@erols.com>
- 3) [98931] Re: How to use latching relays ?
by "Ingo DK3RED" <dk3red@t-online.de>
- 4) [98932] Trade TS570D(G)
by "John R. Peregord Jr." <peregord@home.com>
- 5) [98933] Surplus Army Masts at Dayton
by Fran Flynn <fflynn@adelphia.net>
- 6) [98934] Extreme OT: Realistic DX-160 Receiver
by Fran Flynn <fflynn@adelphia.net>
- 7) [98935] Re: Sources for solar pannels/cells
by Louis Hlousek <lhlousek@nvhbell.net>
- 8) [98936] Re: NorCal Paddles K8FF
by "Tim Billingsley KD5CKP" <kd5ckp@yahoo.com>
- 9) [98937] WBL paddle
by Michael Goins <mgoins@usa.net>
- 10) [98938] Re: QRP from Wis.'s Chequamegon National Forest
by Macstein@aol.com
- 11) [98939] USS Kidd on the air for Memorial Day
by n5ib@juno.com
- 12) [98940] Need antenna info please
by RangerSF5@aol.com
- 13) [98941] Re: Sources for solar pannels/cells
by Fran Flynn <fflynn@adelphia.net>
- 14) [98942]
by Bill Ross <k6mgo@juno.com>
- 15) [98943] EMTECH NW30 Kit Construction
by Robert Wright <rwright@soml.com>
- 16) [98944] Re: Need antenna info please
by Louis Hlousek <lhlousek@nvhbell.net>
- 17) [98945] Re: [MH101] VFO pics tomorrow
by "blinn" <blinn@smgazette.com>
- 18) [98946] Try 6
by Joseph Mikuckis <k3chp@erols.com>
- 19) [98947] FS: TS570D

- by "AB0CD" <ab0cd@uswest.net>
- 20) [98948] FS: IC706
by "AB0CD" <ab0cd@uswest.net>
- 21) [98949] All them 6 meter answers
by nilsbull@juno.com
- 22) [98950] OKC, Dallas, Tyler - Field Day QRP activities?
by John Harper AE5X <ae5x@qsl.net>
- 23) [98951] MH101: results of VFO measurements
by John Wagner <john@neknetwork.com>
- 24) [98952] The Wilderness SST - A Fresh Perspective (long)
by Richard Arland <rarland@earthlink.net>
- 25) [98953] Capacitor PDF file
by "WA7SPY" <wa7spy@home.com>
- 26) [98954] Re: Painting Antennas
by "Steven V. Sellmeyer" <ss94239@alltel.net>
- 27) [98955] FS: 12v Voltage Regulators
by "Brian Murrey" <bmurrey@amexol.net>
- 28) [98956] Re: Capacitor PDF file
by "Tony Fishpool" <g4wif@btinternet.com>
- 29) [98957] Re: Kachina
by "Kevin Asato" <kevin.k.asato@worldnet.att.net>
- 30) [98958] FT: QRP+ Companion
by "Alan Fryer" <qrpdx@earthlink.net>
- 31) [98959] 6m NEWBIE NOTES
by "Rod Cerkoney" <n0rc@hotmail.com>
- 32) [98960] Re: [98854] SWL BBC & Worldspace
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 33) [98961] Re: [Elecra] QRP DUPE logger for CQ WPX
by K4IA@aol.com
- 34) [98962] Re: Sources for solar panels/cells
by Bill Lazure <n2tpa@juno.com>
- 35) [98963] FS/Trade: Ten Tec Triton IV/Remote VFO
by "NZ8J" <timcook@erinet.com>
- 36) [98964] 6M Opening
by Tom & Roxanne <zikot@erie.net>
- 37) [98965] St Louis Vertical
by "Tom Dufresne" <tdufres@hotmail.com>
- 38) [98966] Re: 6M Opening
by Brendan Minish <EI6IZ@oceanfree.net>
- 39) [98967] FS: Norcal K8FF Paddles
by "Alan Fryer" <qrpdx@earthlink.net>
- 40) [98968] Re: 6M Opening
by Fred Lesnick <flesnick@tbaytel.net>

Date: Fri, 25 May 2001 19:02:46 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>

To: qrp-1@lehigh.edu
Subject: [98929] The QRP-ARCI Toy Store
Message-ID: <5.1.0.14.2.20010525185342.01bd0810@mail.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The QRP-ARCI Toy Store is post-Dayton updated.

1998 through 2001 FDIM Proceedings.
Antennas & Feedlines for QRP by L.B. Cebik W4RNL

And a lot more

<http://www.qsl.net/k8dd/toystore/thetoystore.htm>

```
*****  
*                                                                 *  
*           The QRP-ARCI Toy Store                               *  
* http://www.qsl.net/k8dd/toystore/thetoystore.htm *  
*                                                                 *  
*****
```

Date: Fri, 25 May 2001 22:52:25 +0100
From: Larry Cahoon <lejek@erols.com>
To: lhlousek@nvhbell.net, qrp-1@lehigh.edu
Subject: [98930] Re: Sources for solar pannels/cells
Message-ID: <5.0.2.1.0.20010525225103.009f81c0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>
>
>Great versatile units but not cheap at \$250 each. The web site is
><http://home.att.net/~LitcoSys/indx.htm>

I noticed that they are also so backed up that they are not taking orders
until fall.

73 de Larry.....WD3P

Date: Sat, 26 May 2001 01:32:21 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [98931] Re: How to use latching relays ?
Message-ID: <006901c0e573\$14fd05a0\$ac8f01d9@ingo>

Hello Alex and all,

> I have some very nice latching relays I would like to use to select filters in an amplifier rather than using a manual switch. Can anyone suggest a circuit to do this so that as I change bands the latched relays unlatch and the relays for the new band latch up? <

is easy to do this in German, but I hope that You understand me also in (bad) English. ;-)

There are 2 kind of latched relays. With 1 or with 2 coils. All versions need impulses for use. First the 1 coil version.

IC --- relay coil --- capacity --- ground

The IC is the switcher between ground and voltage. You can use i.e. a CMOS-IC for it (not a TTL-IC). The capacity realize a short impulse when the IC are switched.

Next the 2 coil version.

IC output 1 --- (+)relay coil 1(-) --- ground

IC output 2 --- (-)relay coil 2(+) --- ground

The IC put out a short impulse in output 1 for switch on and an other impulse for switch off in the other output pin.

You can use a 2 coil relay like an 1 coil relay. It is possible to unuse the second coil if you use the version 1.

The impuls be not permitted to long. In this case the relay switch on an at once off.

Version 2: 10 milli seconds are good for the most relays.

Version 1: $\tau = R \times C$ with $\tau = 20\text{ms}$ and $R = \text{resistor of the coil}$ and $C = \text{capacity}$

Hope that I can help you.

72 de Ingo, DK3RED

E-Mail: dk3red@t-online.de - Homepage: <http://www.t-online.de/~dk3red>

Date: Fri, 25 May 2001 19:46:15 -0400
From: "John R. Peregord Jr." <peregord@home.com>
To: <qrp-1@Lehigh.EDU>
Subject: [98932] Trade TS570D(G)
Message-ID: <009001c0e574\$e383b300\$123bb618@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'd like to trade my 1 year old TS-570D(G) w/400hz INRAD filter for a K2 or maybe a FT-817. Email direct for more details if interested. I'm finding less time at home to QRP so want something a little more portable.

72,
John/KB8UMD

Date: Fri, 25 May 2001 19:50:18 -0400
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-1 Discussion <qrp-1@Lehigh.EDU>
Cc: pwomble1@tampabay.rr.com
Subject: [98933] Surplus Army Masts at Dayton
Message-ID: <3B0EEFBA.15E675C9@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That might be Ontario Surplus, in Ontario NY, not Canada, also known as "Surplus Ben". I'm not sure since I wasn't at Dayton but this was probably the guy.

Here is the web site:

<http://home.att.net/~surplusben/prod01.htm>

>>Date: Thu, 24 May 2001 21:32:50 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: QRP-L <qrp-l@lehigh.edu>
Cc: FP List <fpqrp-l@mpna.com>
Subject: [98857] Surplus Army Masts at Dayton
Message-ID: <3B0DB641.33B037C1@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There was a group in the center of the flea market at Dayton selling various surplus military masts/towers. They had a big box of 4' x about 2" round aluminum sections that locked together.

Does anyone happen to know who they are or how to contact them?

Date: Fri, 25 May 2001 20:07:55 -0400
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [98934] Extreme OT: Realistic DX-160 Receiver
Message-ID: <3B0EF3DB.B228A776@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I would look for bad components, most notably electrolytic capacitors. There shouldn't be that many and they are cheap to buy.

Chances are that the alignments have not changed, so save yourself a lot of trouble by not changing alignments only to change them back once you determine that it was not an alignment problem at all in the first place. In something that old I would just go ahead and replace all the electrolytic capacitors. Most of them are probably bad or are about to be.

25 years of doing repairs on electronics taught me what to look for.

>>
I ordered a manual for it but was wondering if anyone knows whether it contains enough information to align the receiver? I am not so naive as to

believe that radio Shack manuals would be that thorough, but perhaps one of the group might have had experience "tweaking" one of these radios from either the existing documentation or knows of another source of same.

Date: Fri, 25 May 2001 16:37:47 -0700
From: Louis Hlousek <lhlousek@nvhbell.net>
To: Larry Cahoon <lejek@erols.com>, qrp-1@Lehigh.EDU
Subject: [98935] Re: Sources for solar pannels/cells
Message-ID: <011301c0e573\$b4639a00\$650dfea9@0016297931>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Yes. It took about 9 months to get the last one I ordered and that was a few years ago. They told me the ship date when I ordered it and they shipped it right on time. The company does seem to be a little flaky. Notice that they won't sell to anybody in PA since that is where they are located and they haven't figured out how to handle sales tax. Hi! Their chargers work FB though.

Lou

Date: Fri, 25 May 2001 19:59:17 -0500
From: "Tim Billingsley KD5CKP" <kd5ckp@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [98936] Re: NorCal Paddles K8FF
Message-ID: <002f01c0e57f\$184a3e60\$95552126@kd5ckpp2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

No decision has been made yet, but thanks to those of you who have replied and if you missed the original post please see it below. Just the discussion on 2 meters locally has generated much interest in the K8FF kit so if you have one you can or would like to part with let me hear from you.

72 and gud luk in the WPX contest this weekend.
Tim KD5CKP

Also thanks to everyone who assisted with the Manual .. I hope I am

not infringing on any copyrights but I reposted it at
<http://www.qsl.net/kd5ckp/K8FF/>

----- Original Message -----

From: "Tim Billingsley KD5CKP" <kd5ckp@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, May 23, 2001 6:49 PM
Subject: NorCal Paddles K8FF

> I know this is probably a lost cause, but

>

> Are there any ... ANY at all NorCal Paddle Kits out there available.

> Kit Form, Semi complete with all pieces, Complete ?????

>

> A friend saw mine and really wants one

>

> Please reply direct kd5ckp@yahoo.com

>

> Also where can I find the original manual that was on the internet??

> I had to format my HD and lost it and had only printed parts of it....

>

> Tim Billingsley KD5CKP

> Home - <http://www.qsl.net/kd5ckp/>

> NMECC - <http://www.qsl.net/nmecc/>

> MS ARRL - <http://www.arrlmiss.org/>

> OBARC - <http://www.qsl.net/obarc/>

> CARA - <http://www.qsl.net/w5gwd/>

>

>

> -----

> Do You Yahoo!?

> Get your free @yahoo.com address at <http://mail.yahoo.com>

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: 25 May 2001 20:06:07 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-l@lehigh.edu

Subject: [98937] WBL paddle
Message-ID: <20010526010607.3259.qmail@awcst094.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Anyone know where I can get some information about a WBL Model VSL-X3? It=
's a
brass/plexiglass/steel vertical paddle with what looks like cocobolo wood=
fingerpieces. I recently acquired one that is dated July 17, 1995, serial=
78
and want to know more about it.
Thanks in advance.
mike
wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Fri, 25 May 2001 21:25:12 EDT
From: Macstein@aol.com
To: w9wis@charter.net, qrp-1@lehigh.edu
Subject: [98938] Re: QRP from Wis.'s Chequamegon National Forest
Message-ID: <89.7376a8b.28405ff8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 5/25/2001 5:28:50 PM Eastern Daylight Time,
w9wis@charter.net writes:

> Look for me around the "usual" 20 and 40 meter qrp
> frequencies. You can't miss me.... I'll be the one sending cw very slowly
> <grin>

Well, slow but EFFECTIVE!!! You da Man, Mike!

-MAC-
AF4PS

Date: Fri, 25 May 2001 21:28:47 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu

Subject: [98939] USS Kidd on the air for Memorial Day
Message-ID: <20010525.202726.4647.0.n5ib@juno.com>

The USS Kidd, DD-661, will be on the air as W5KID on Monday May 28, from approximately 0930 'till 1630 CDT (1430 - 2130 Z) See the entry on QRZ.COM for W5KID for info on the ssb frequencies as well as QSL info. The Kidd, a restored WW2 Fletcher class destroyer, is berthed in Baton Rouge, LA.

But, in addition to the QRO ssb station in the regular radio shack - actually the aft radar jamming compartment - I will put K-2 # 1233 in service from the flying bridge, high above the Mississippi River. Operation will be 5W battery/solar and CW near the QRP watering holes on 30, 20, 15, and possibly 10 m (maybe even ssb on 10). Antenna probably a 44 ft doublet fed with 450 ohm line. Keyed with a WW2 wintage Lionel J-38.

I think I will be on 30 m for a good portion of the forenoon watch, about 10120 kHz and down. Probably move to 20 m by the afternoon watch. Come on out and give me a call, and post to the list if you find me, so the rest of the gang can know what band I'm working.

Some time during the day I will QRX and stand down from my post for a few minutes while the 5" gun just forward and below fires a Memorial Day salute.

Lest we forget....

72
Jim N5IB
for W5KID

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 25 May 2001 21:30:00 EDT
From: RangerSF5@aol.com
To: antennas@qth.net, qrp-1@lehigh.edu
Subject: [98940] Need antenna info please
Message-ID: <63.16ab8f46.28406118@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
Is there a site where I can see what that short antenna looks like that is selling in the HRO catalog?
I was told the price is over a hundred dollars.
Seems high for a short rod and some small coils.
Funds are tight here.
Is anyone selling any type of short window antenna, (factory or home brew?)
Any others on the market at a better price?
Thanks in advance for any info or suggestions.
Bob
WA2HOQrp <tm>

Date: Fri, 25 May 2001 21:56:34 -0400
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [98941] Re: Sources for solar pannels/cells
Message-ID: <3B0F0D52.29152117@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've been reading up on proper charging methods for SLA's, which are not the same as gellcells. While both are lead acid, the intended application and charging methods are a little different. I managed to get a few SLA (sealed lead acid) batteries. Some are 7 AH and some are 17AH. The right way to charge these is with a constant voltage but current limited supply. The recommended charge rate is .15 to .2C, "C" being the amp hour rating, so a 7 AH if charged at .2C gets about 1.4 amps at a constant voltage of 14.7 volts, until the battery reaches that voltage across it's terminals and the current decreases to a small value of about .01C. The current limiting will mean the voltage will be lower than 14.7 untill fully charged. At this point it's considered to be fully charged. If this voltage is maintained, it will dry up the electrolyte. In order to avoid damage to the battery, at this point a "smart" charger would switch into "float" mode and provide the 12 volt battery with 13.8 volts to maintain it in a charged state. If you don't have a smart charger, just pull the battery off the charger. Leaving it charging at 14.7 or so volts will damage the battery. Another consideration is that the 14.7 volts only applies at about 68 degrees F, this voltage will vary with temperature. If you charge the battery indoors I think you can safely not worry about this, but if the temp is considerably higher or lower this must be compensated for.

This web page explains it nicely:

<http://www.cidonline.com/charge.html>

So, you see that charging at 13.8 volts may not fully charge or may shorten the life of the battery. The plates may become sulfated at this voltage.

We will be using SLA's and solar panels for FD this year, so I am designing a charger that will charge a 12 volt battery from 12 volts. It includes a voltage doubler. This way we can charge from a car battery if we need to. I'll put the details of this charger on the web when it's completed. It's a fairly simple design even with the doubler. The doubler is just a 555 and pair of transistors for current amplification, then a LM317 voltage (and current) reg.

My charger is intended for 7 AH batteries. You could use it on a bigger one, it would just take longer.

I call it a dumb charger, since there is no float mode (therefore not 'smart'). With this and any luck at all we won't run out of power for N1QS field day.

N1QS is the call for NVQS, Northern Vermont Qrp Society in (you guessed it) Northern Vermont! Look for us on FD.

There is also a good charger design in the May 2001 QST page 43. It's suggested reading.

72 -Fran Km1z

Subject: [98891] Re: Sources for solar pannels/cells
Message-ID: <003701c0e529\$dc913ea0\$dacf16c6@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Along those lines..I picked up a SLA (Sealed Lead Acid - Gel Cell) battery,
13.8 volts rated at 33ah. Any suggests on how to safely charge it

without
frying it? I'd like to keep a float charge on it while its in the shack
just so its ready at all times. The ARRL handbook suggests that you can
use
a 13.8 volt power supply to charge it..but must be careful with the
charging
current.

Can someone point me in the right direction to build up a good charger
for
it and also any rules I should follow to ensure a long life of use?

Date: Fri, 25 May 2001 19:18:55 -0700
From: Bill Ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Message-ID: <20010525.191858.-297059.0.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

postpone

Date: Fri, 25 May 2001 20:38:18 -0700
From: Robert Wright <rwright@soml.com>
To: qrp-l@Lehigh.EDU
Subject: [98943] EMTECH NW30 Kit Construction
Message-ID: <200105260336.f4Q3aDT10273@buzz.sonic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dear QRP-L Gang,

Just received in the mail a beautiful NW30 kit from EMTECH. Quality
product with all parts, cabinet, hardware and AF filter.... very nice.
Anyone on the list have experience building one of these units and if so,
do you have any hints or tips regarding construction, potential pitfalls,
etc.? Time to melt solder! Please email me directly and thanks for any
potential help.

Just finished a QRO 20 mtr Ramsey amp with lots of mods suggested by QRP-L
members and it is ready for smoke testing. Lots of talented and informed
people on this list! Will advise re mods.

VY 72,
Bob K7RRW
Norcal #201
Santa Rosa, CA

Date: Fri, 25 May 2001 20:20:14 -0700
From: Louis Hlousek <lhhousek@nvhbell.net>
To: RangerSF5@aol.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98944] Re: Need antenna info please
Message-ID: <01de01c0e592\$c7fce700\$650dfea9@0016297931>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

HamSticks works about as well as any center loaded 7' whip on 20 meters and above. They need counterpoises as would any whip. HamStick knockoffs go for around \$20. The downside is they only work on one band so your up to \$100 for 5 bands worth. If you have two on the same band you can make a short loaded dipole out of them.

You would be far better off with a wire dipole or end-fed half wave if at all possible. If space is really tight you can string up one leg of the dipole and lay the other on the ground or floor to serve as counterpoise. Won't work as well as strung up dipole. The wire can be very fine, like magnet wire or wirewrap wire if it need to be inconspicuous.

Lou W7DZN

Date: Fri, 25 May 2001 22:23:27 -0700
From: "blinn" <blinn@smgazette.com>
To: <k7qo@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98945] Re: [MH101] VFO pics tomorrow
Message-ID: <000c01c0e5a4\$003f0060\$a4b8e5d8@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Chuck Adams, K7QO <k7qo@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, May 23, 2001 10:33 PM
Subject: [MH101] VFO pics tomorrow

>I managed to get the VFO in 2.5 cm x 3.0 cm and with the 8V regulator the
>whole section fits 2.5cm by 3.5cm. I used a MVAM 108 for the varactor,
>so I'll have a test later on the tuning range with the puppy in place.
>Right now the VFO resonates at 2.548091 MHz without any drift and no
>voltage applied to the MVAM 108.

Just finished adding the voltage regulator circuit. Applied voltage to the
input and measured the frequency. Came out to 2.380103. Wish I could
say it was stable but, alas, no such luck. My old Heathkit 4100 freq
counter was just turned on, perhaps that's part of it. I'll have to get
everything set a little better for measurement when I'm a little fresher.
In the meantime, I'm hearing some good signals on 30 so....

Regards - Bill - WA7TQK

>NOTE: 20cm of #26 wire glows bright yellow with 13V applied for 10
seconds. :-)
Hmmm.... saw something similar once..

--

Date: Sat, 26 May 2001 07:30:47 -0400
From: Joseph Mikuckis <k3chp@erols.com>
To: qrp-l@lehigh.edu
Subject: [98946] Try 6
Message-ID: <3B0F93E7.2416@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I urge you to look into the 6-meter band. There has been many frequent
band openings lately. For example, yesterday afternoon and evening the
band was buzzing with signals, including many on CW. And there are many
QRPers, too. I ran my FT-817 with 5 watts into a HALO-6 and worked

Howad, KF40DI, in Tennessee. He was 59 and I was 58. When I told him that I was running 5 watts he reduced his power from 80 watts to 5 watts. Guess what? His signal decreased only from 59 to 58! So we had a nice 2-way QRP QSO. Then he told me that he has 49 states on 6 meters, all with QRP, and only needs Alaska! WOW!!! Last week I worked my second DX on six - Argentina. But I must admit that I did it with 100 watts. Good hunting...

Joe, K3CHP
Riverdale, MD USA
FM18

Date: Sat, 26 May 2001 05:37:01 -0600
From: "AB0CD" <ab0cd@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [98947] FS: TS570D
Message-ID: <000701c0e5d8\$2e05c2c0\$a29ca0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FS: Kenwood TS-570D. 5-100W on 160M-10M. Excellent Condition. Includes hand mic and the optional YK-88CN-1 270Hz CW filter (\$130 value). DRIVEN ONLY AT QRP SPEEDS. \$750, including shipping to CONUS. Would prefer to sell to a QRPer before resorting to eBay. Dick AB0CD. Ab0cd@arrl.net.

72 Dick AB0CD..

Date: Sat, 26 May 2001 05:37:41 -0600
From: "AB0CD" <ab0cd@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [98948] FS: IC706
Message-ID: <000f01c0e5d8\$462684c0\$a29ca0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FS: IC706 - Original. QRP to 100W on 160M-10M, 100W on 6M, 10W on 2M. Good condition. Includes hand mic, separation kit, remote head mounting brackets.

Excellent mobile/FD rig. DRIVEN ONLY AT QRP SPEEDS. Has served well for Field Day and portable operations. \$500 including shipping to CONUS. Would prefer to sell to a QRPer before resorting to eBay. Dick AB0CD.
Ab0cd@arrl.net.

72 Dick AB0CD..

Date: Sat, 26 May 2001 07:04:05 +0000
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [98949] All them 6 meter answers
Message-ID: <20010526.070433.-186651.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Yoldashlar!

Chong rahmat for all the help & advice on the 6m deal. I was out on Sunday with the radio in the car and found that (a) I could key up the local 6m repeater from North Dayton, but not from home. Which I expected. I also heard some folks working skip across the country. Midwest to East coast, Michigan to Florida. And this morning (Monday) when I got up to recuperate from Dayton, I heard a guy calling someone on 50.125 USB. I was gonna answer him but he disappeared too soon. Good local signal.

So I ain't completely nuts just yet.

Since I was out grocery shoppin' & gettin' paint for the last part of the kitchen rehab, I didn't have much time to play around or listen on whatever I found would have signals on it. However, I did dream up a couple weird ideas about antennas while I was drivin'. And earlier had discovered that the big chunk of wire hangin' off the 25 ft pole actually does catch signals a bit.

More stuff! I must have more stuff! Even if I do have to build it!

Then, a couple days later: Cindy & the youngest wanted to go to the local hot-shot ice cream place, Youngs (if you live anywhere near Yellow Springs, OH, you know the place) Dairy, so we went. The night before I'd stuffed myself to the point where I got up this morning for work & didn't feel the least bit needing breakfast or even a cup of coffee.

So I'm still stuffed. The tom cat what's been hanging around spent the

day at the vet getting his pronoun altered & I'm still stuffed.

But going over & coming back the weather went from clear & cool to rain & cool and back again a couple times. And remembering what little I do of what I once knew about RF under such conditions, I turned on the FT690 & heard, of all things, beacons. Yeah. Real beacon signals from Nevada, Colorado & Kansas. And up frequency a bit I heard someone having a CW QSO! Can you believe it? On VHF I hear CW.

And me without a "real" antenna . . . Or, as one of my former OVTN cronies would say, me without "a signal."

Now to get some PVC pipe & the dremel tool for the circuit board & the amplifier parts from Rogers & not to eat too much between now & the next time I feel like eatin' again. Especially potatoes.

Hmmm . . . maybe this is the beginnin' of a new mania . . .

73 & thanks for the many advices & suggestions. And the one or two who wrote with condolences for my having finally really gone completely & unretrievably nutso.

Nils

. . . hatten er din . . hatten er din . . .

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://w8ijn.www6.50megs.com> -- W8IJN --

<http://members.fortunecity.com/nilsbull>

"In MY day we FIGHT to have earphones! Every DAY was STRUGGLE!"

-- Comrade Nikolai Sergeievich McTovarishov, 19

Oct 1917

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 26 May 2001 08:17:28 -0400

From: John Harper AE5X <ae5x@qsl.net>

To: QRP-L <qrp-l@lehigh.edu>

Subject: [98950] OKC, Dallas, Tyler - Field Day QRP activities?

Message-ID: <003f01c0e5dd\$d506ce20\$5b7abc18@johnharp>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

Good morning,

I'll be spending some time in this area during June/July and was wondering if any of the local QRP clubs have any activities planned for Field Day? I'll have my own rigs (K1 20/30 & NC40a) and would like to participate if there's a need.

Thanks and 72,

John Harper AE5X/2

Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

Date: Sat, 26 May 2001 12:18:38 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98951] MH101: results of VFO measurements
Message-ID: <3B0FD75E.B5143493@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm getting slightly different results from Chucks posted results.

At the output of C3, I'm getting about 450mV in amplitude, however I do get 1.7v amplitude on the output of C4.

I used the MV1662 diode.

Wondering what others are getting... or I have something wrong.

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Date: Sat, 26 May 2001 09:17:44 -0400
From: Richard Arland <rarland@earthlink.net>

To: QRP List <qrp-l@lehigh.edu>
Subject: [98952] The Wilderness SST - A Fresh Perspective (long)
Message-ID: <3B0FACF8.688F8273@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:

Recently I had a burning desire to try another Wilderness Radio SST. Thanks to Mike Gipe, K1MG, I ended up with a 30 meter unit. After building it and doing some creature comfort mods, I started playing on 30 meters. What a gas! Despite it's simplicity, the SST is a fun rig. Don't know why I never came to that conclusion prior building and using this particular rig (I previously had both a 40 and 20 meter SST).

Flushed with success, I ordered a 20 meter SST from QRP Bob at Wilderness. After construction, I modified it using a 2nd Xtal and dual varactors. Coverage is from 14.039 to 14.065. I further tried the filter mods, including some experimentation with C-7/8 and C-6/9 but decided, after viewing the Spectrogram plots of each filter configuration, that the stock filter was best. Adding a larger diameter tuning knob helped with the tuning. Patience is the solution to the critical tuning problems voiced by many (including myself). Learn to tune slowly and listen.

On a whim, I decided to put the SST-20 on during the CQ WPX CW contest, currently in progress. In 46 minutes I worked 20 stations including: OK1CF, OH0B, UV5B, F6ENO, NV7A, F5RKL, RM6A, OM6T, WL7E, YL8M, YL2SM, OZ1AA, DL5AXX, W5WUM, OK5W, HK5N, UA3ABJ, SN2B, OH6NIO and OE2BZL. Not bad, considering I was running 900 MILLIWATTS !!!

Although I've heard complaints from some regarding the "hard" sound of the SST keying, I actually think it helps getting through, especially during crowded band conditions. With the exception of only four Qs, all the stations contacted during this 46 minute "run" on 20, answered me on the first call!

The point of this posting is to stir up some interest in using these Minimalist Rigs. Get on, play some radio with your SST. Do something really outrageous, like enter a major contest using milliwatt power levels. It's a fun rig and you will be amazed (as was I) at what can be done with such a simple little radio.

My thanks to QRP Bob Dyer, KD6VIO, of Wilderness Radio, Wayne Burdick, N6KR, the designer, Russ Carpenter, AA7QU, of the Adventure Radio Society, Zack Lau, W1VT and Ed "The Head Lab Rat" Hare, W1RFI, from HQ Lab, for their inputs.

73 Rich K7SZ

PS: You say you don't have an SST. Don't let fear hold you back. The SST is a great little kit, especially for beginning home-brewers and the cost is minimal (after all it IS a Minimalist Radio). Cruise by Wilderness Radio: www.fix.net/~jparker/wild.html and check it out. (NO this is NOT an ad for Wilderness....I just like their gear!)

Date: Sat, 26 May 2001 09:19:42 -0700
From: "WA7SPY" <wa7spy@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98953] Capacitor PDF file
Message-ID: <000901c0e5ff\$abee0d60\$6401a8c0@home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There was a thread a while back about a three page pdf file on capacitors. Could someone please give me the link to this.

Thanks,
Glenn WA7SPY

Date: Sat, 26 May 2001 09:07:56 -0500
From: "Steven V. Sellmeyer" <ss94239@alltel.net>
To: qrp-1@Lehigh.EDU
Subject: [98954] Re: Painting Antennas
Message-ID: <3B0FB8BC.E05CA719@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom:

I have used Krylon clear lacquer in years past and have had good results. In fact I need to do my new 4BTV if it ever stops raining. As for painting.....not sure. Think it would be ok but will leave that answer to others.

72's.....Steve/WB0QQT/Lincoln, NE

Date: Sat, 26 May 2001 11:52:28 -0500
From: "Brian Murrey" <bmmurray@amexol.net>
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [98955] FS: 12v Voltage Regulators
Message-ID: <000901c0e604\$40f30560\$3064030a@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey gang,

I needed a few 12v regulators and ended up finding a somewhat decent deal on some L7812CV's.

These are in a T220 package with hink sink tab.

If you need anyone, let me know.

4 for \$2.00 and a 1st class stamp.

12vdc out, 1.5 amp out, dropout voltage is 2.0, I was thinking about using these with solar panels to run my QRPp stuff at a steady 12v.

If interested, just yell.

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Member of the American Radio Relay League - SOC #400
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====

Date: Sat, 26 May 2001 18:06:03 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [98956] Re: Capacitor PDF file
Message-ID: <004901c0e606\$26eafae0\$bf147bd5@LocalHost>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It was a GQRP Club datasheet authored by Paul NA5N and reprinted with his kind permission and also that of George Heron who initially published it in QRP Homebrewer. If you don't subscribe to this journal you are missing out!

Download the datasheet from www.btinternet.com/~g4wif/na5n.pdf

Kind regards
Tony - G4WIF

----- Original Message -----
From: "WA7SPY" <wa7spy@home.com>

> There was a thread a while back about a
> three page pdf file on capacitors.
> Could someone please give me the link to this.
>
> Thanks,
> Glenn WA7SPY
>
>

Date: Sat, 5 May 2001 06:31:55 -0700
From: "Kevin Asato" <kevin.k.asato@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98957] Re: Kachina
Message-ID: <00bb01c0d567\$c1c2f0e0\$8201a8c0@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not only do they have to build the rig for transport and operation in rugged environments (also including salt fog and rain), they have to spend lots of additional time and money proving and documenting operations under these conditions. Typically, producing products for the ruggedized market is very low volume and the parts, including enclosures used, have to be guaranteed to work under extreme conditions. Figure in all the other costs (place to hang your shingle, labor, insurance, etc) over the production run and one can start to see why the per unit cost is much higher than the standard consumer oriented products.

Like designing and kitting rigs for the QRP market, this engineering effort tends to be a labor of love and expression of creativity more than for profit. However, being a business, Les/Kachina does have to show a profit, somewhere.

Kevin K Asato / KC6POB
Systems Engineer
ADC PairGain Tech Support
800.638.0031 / 714.730.3222 (tel)
714.730.2400 (fax)

----- Original Message -----

From: Stuart Rohre <rohr@arlut.utexas.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, May 24, 2001 5:27 PM
Subject: Kachina

> Mark,
> The founders of Kachina cut their eye teeth on a military man pack radio.
> Then, it became the Atlas series. The same designer for Atlas, Les
> Earnshaw, who was ZL1AAX, also started Kachina. They built military and
> public safety radios before bringing out their ham model. Depending on
> what
> their present man pack radio does, I would guess it retails at about
> \$5000.
> Remember it must be much more rugged than a ham rig for its market. Their
> customer has operators who are going to drop it in the mud then fire it
> up,
> lay it out in desert sun all day, and sit it outside the tent in polar
> regions.
>
> Ten Tec also makes some military receivers, but I do not know if they make
> military transceivers.
> 72,
> Stuart K5KVH
>
>
>

Date: Sat, 26 May 2001 15:07:23 -0400
From: "Alan Fryer" <qrpdx@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [98958] FT: QRP+ Companion

Message-ID: <000901c0e617\$199f9920\$f4cd323f@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Trade: Index Labs QRP Companion noise bridge/tuner/battery unit in excellent shape, with internal battery. These are quite rare and I really don't want to sell it, but would like to trade for a QRP related item. What do you have ?

Alan, N3BJ
Bent Mountain, VA

Date: Sat, 26 May 2001 13:17:22 -0600
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98959] 6m NEWBIE NOTES
Message-ID: <0E46saaCT0qVPo2HJS3000076c7@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Today I had my first ever 6M QSOs.

The first was with Dan, W0VD, CARTHAGE MO on SSB. I called him with 2W and got a 55 signal report! Cranking up to about 5W upped the report to 58!

The Second QSO was with Marcel, N9NJY near St Louis this QSO was on PSK, I was running abt 5W and was copied 100%.

>From Dan I learned the following:

 CW call freq 50.1 MHz
 SSB call freq 50.125 MHz
 PSK call 50.290 MHz (this is the area where I worked N9NJY)

 The best time for 6m sporadic E is +/-6weeks of summer solstice,
and
 openings can occur anytime day or night.

 KNOW YOUR GRID SQUARE, everybody seems to exchange them, and

awards are given for working Grid Squares just like WAS or DXCC.

Prior to working these two stations I copied beacons from AL, KS and MT. I also copied N4DA calling CQ from GA!!!

Setup here: XCVR Icom 706MKIIG into the attic dipole, for PSK I was using DigiPan.

Hope this is helpful to some.

73, Rod N0RC
Ft Collins, CO

SuperFest 2001 14-Jul-2001
<http://www.qsl.net/n0rc/hamfest/hamfest.html>
BE THERE!

Date: Sat, 26 May 2001 15:33:29 -0400 (EDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: n0rc@hotmail.com
Cc: qrp-1@Lehigh.EDU, eleccraft@qth.net
Subject: [98960] Re: [98854] SWL BBC & Worldspace
Message-ID: <200105261933.PAA02203@panix6.panix.com>

The problem is that I, like many others in the US, don't listen to the WS on SW a lot, but it's always been there, and when I was in a position that not much else was available, such as when traveling, I could get it. I listen to the WS on cable at home, mostly, although there are local FM rebroadcasts of a very few shows, and I sometimes use the Internet feed.

But, I'll definitely miss the WS on SW, even domestically.
And I'll still carry my SW100, at a minimum, when out of the US.

SWBC is the reason that I wish that the IC706 and FT817 had a synchronous AM detector.

73, doug

Date: Sat, 26 May 2001 16:02:17 EDT
From: K4IA@aol.com

To: sunwatt@starband.net
Cc: qrpp@yahooogroups.com, qrp-L@lehigh.edu (QRP-L)
Subject: [98961] Re: [Elecraft] QRP DUPE logger for CQ WPX
Message-ID: <fb.14787439.284165c9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I managed to put together the interface and get it to key my radio. The Radio Shack optocoupler had a little different pin configuration.

Now my problem is the keyer is way too slow. I have tried changing the calibration but it makes very little difference, even if I put in numbers that are considerably off. The 950 suggested for a 650mhz machine. I am using a 566mhz machine with Windows ME. Numbers as low as 1 or as high as 10,000 don't seem to make a lot of difference. Ideas?

Radio K4IA
Craig Buck
Fredericksburg, Virginia USA
QRP ARCI #2550 FISTS #6702 CC 788
K1 #470

For cheap long distance, 800#s and more
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4.9 cents/min - no monthly fees

Date: Sat, 26 May 2001 08:50:23 -0400
From: Bill Lazure <n2tpa@juno.com>
To: wb8icn@amexol.net
Cc: qrp-l@lehigh.edu
Subject: [98962] Re: Sources for solar panels/cells
Message-ID: <20010526.092541.-159283.0.n2tpa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Mike and all,

Search on Yuasa Batteries. They have a background paper on their website that give very detailed instructions for charging THEIR SLA batteries.

I feel safe in assuming that with a few exceptions, these techniques would apply to just about any SLA battery.

73 & GL,

Bill
W2EB

"Michael Hall" writes:

>I picked up a SLA (Sealed Lead Acid - Gel Cell)
> battery,
> 13.8 volts rated at 33ah.
>
> Can someone point me in the right direction to build up a good
> charger for
> it and also any rules I should follow to ensure a long life of use?
>

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 26 May 2001 16:58:39 -0400

From: "NZ8J" <timcook@erinet.com>

To: <qrp-1@Lehigh.EDU>

Subject: [98963] FS/Trade: Ten Tec Triton IV/Remote VFO

Message-ID: <010401c0e626\$a48502a0\$6122fea9@nec>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Nice condition Triton IV analog Transceiver

looks good and works excellent, full power on all bands, has the optional audio CW filter. The PTO is smooth and the dial cord is good. Some small marks on the top, front panel is excellent with no marks and lettering is clear and crisp, not worn. All lights work. It has a power cord wired directly to the rear power connector with an 18 amp airpax breaker / on-off switch wired in the power cord. I think I may have the matching connector if you wanted to make the cord removable. The power on-off /AF pot has been replaced with a AF pot only.

I will throw in a exc condition D-104 amplified microphone that will need to be wired for the radio (takes a 1/4 inch stereo plug)

Very nice radio that has qsk like it should be. Power output can be adjusted from 0-100 watts on CW and about 10 to 100 wattts on SSB comes with maual

Model 242 remote VFO for the 540 Triton

VFO works and is real stable. Bandswitch could use some cleaning and the dial cord should be replaced as it sags at the low end of the dial. Comes with manual. allows for dual receive on the same band, great for those dx pileups..

\$295 for the package shipped and insured in the lower 48. Might consider a small 40 meter qrp cw transceiver in part trade..

thanks

Tim

NZ8J

Date: Sat, 26 May 2001 18:14:21 -0400
From: Tom & Roxanne <zikot@erie.net>
To: QRPL <qrp-l@Lehigh.EDU>
Subject: [98964] 6M Opening
Message-ID: <5.0.2.1.0.20010526181052.00a8b340@erie.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Wanted to alert everyone to a 6m band opening here in Erie, PA.

I am copying the following 6m beacons at this time

K0ETC 50.070 RST 589
N8PFM 50.067 RST 599
VE4VHF 50.036 RST 589

I am QRV on 50.020 and not hearing anyone else on 6m after many CQ's. If anyone on QRP-L is on 6m at this time listen for me or call me on 50.020.

73's es gud DX!

Tom & Roxanne
WA1VAI
Erie, PA.

Date: Sat, 26 May 2001 22:19:08 -0000
From: "Tom Dufresne" <tdufres@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [98965] St Louis Vertical
Message-ID: <F48jn04x29xDBH8J0sc000022ad@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Just had my first QSO's with my new St Louis vertical. Learned a lot, and still could use more help. I am using a 6 foot #22 wire vertical radiator, and 3 radials set up as per NF0R, ie, 20 feet. With the six foot radiator, at 15 meters I am literally at the top of the coil with the adjustable slider. At 20 meters, I am down about 10 turns on the coil. I do have a 12 foot vertical radiator for 30-80 meters, untested as yet. (<http://www.fix.net/~jparker/slv.html>) On 15 meters, got gud sigs but only could manage about a 2.5:1 SWR as measured by my trusty R/S SWR meter. I have:

- 1) 20 foot BW pole
- 2) 80 meter coil
- 3) HW-8 rig
- 4) RG-58/U coax, 50 feet
- 5) no tuner

Should I get a better SWR than this?

On 20 meter I get a little better SWR. (I just got a QSL e-mail from a VE7, so I guess I didn't do too bad for < 2 watts huh? :))

Tom
KC0GXX

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sat, 26 May 2001 23:42:30 +0100
From: Brendan Minish <EI6IZ@oceanfree.net>
To: qrp-l@Lehigh.EDU
Subject: [98966] Re: 6M Opening
Message-ID: <5.1.0.14.2.20010526232527.03397410@mail.oceanfree.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 18:14 26/05/2001 -0400, Tom & Roxanne WA1VAI wrote:

>I am QRV on 50.020 and not hearing anyone else on 6m after
>many CQ's.

Unless they do things really differently in the US the CW calling frequency is 50.1 Mhz +- 10 KHz or so. 5.120 is the Intercontinental DX window so try to keep 50.120 Clear.

I have worked The US, Canada and South Africa on 6 from Ireland using a Horizontal loop cut for top band and 100w.
My Near neighbor Dave, EI4IX worked PY5CC (brazil) with 100W and a G5RV which is only 5 feet above ground and with all the ladder line laying on the ground (a real piece of wet string!).

Recently Dave bough a 5 Element beam for 6m but I am still beating him to the DX in many cases because beams have a tendency to be pointing in the wrong direction, where as wet string tends to be omni-directional...
A half Square is an excellent small and easy to make 6m antenna if one wants to move up market a little without actually spending any money.
Most HF tuners will work (to some extent anyway) on 6m.

Cw is very popular on 6m (here in Europe anyway) as it is such a good weak signal mode, CW is also the best mode to use during an Auroral opening.
The UK Six meter group home page is a really good place to start finding out about 6
<http://www.uksmg.org/>

Have fun.
73's Brendan EI6IZ

--

Brendan Minish EI6IZ
ei6iz@oceanfree.net
PGP key available from key servers [wwwkeys.pgp.net](http://www.keys.pgp.net)

Date: Sat, 26 May 2001 18:45:14 -0400
From: "Alan Fryer" <qrpx@earthlink.net>
To: <qrpx-1@lehigh.edu>
Subject: [98967] FS: Norcal K8FF Paddles
Message-ID: <000f01c0e635\$886bdf80\$77ce323f@hppav>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Have two paddles, one done in a red base, another in gray. Both in good shape, pix on request.

\$50 shipped for either.

Alan, N3BJ
Bent Mountain, VA

Date: Sat, 26 May 2001 18:50:33 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98968] Re: 6M Opening
Message-ID: <3B103339.F50C322F@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The band is hopping, worked over 2 dozen folks in the last hour.....
>From S.C. to Md., sure is nice to see an opening this intense, been waiting a long time for it...

Fred
VE3FAL
EN58df

Tom & Roxanne wrote:

>
> Wanted to alert everyone to a 6m band opening here in
> Erie, PA.
>
> I am copying the following 6m beacons at this time
>
> K0ETC 50.070 RST 589
> N8PFM 50.067 RST 599
> VE4VHF 50.036 RST 589
>
> I am QRV on 50.020 and not hearing anyone else on 6m after

> many CQ's. If anyone on QRP-L is on 6m at this time listen
> for me or call me on 50.020.
>
> 73's es gud DX!
>
> Tom & Roxanne
> WA1VAI
> Erie, PA.

End of QRP-L Digest 2201

